

ABSTRACT

To provide a load sharing system using a virtual router facilitating dynamic load distribution. The load sharing system includes a plurality of equipment units each functioning as a router which constitutes a virtual router having a single common address; and end systems being connected to the network through the virtual router. Among the plurality of routers constituting the virtual router, one equipment unit functioning as a router is assigned as a master router, while the other equipment unit(s) is assigned as a backup router. The master router dynamically allocates packet condition for defining the routing object to each router, then to advertise to the backup router. Routing processing between the network and the end system is performed by the plurality of routers each having a routing function.